

BOOK

Serial No.	Contents	Reference to last Measurement
1	2	3
4	5	6
7	8	9
10	11	12
13	14	15
16	17	18
19	20	21
22	23	24
25	26	27
28	29	30
31	32	33
34	35	36
37	38	39
40	41	42
43	44	45
46	47	48
49	50	51
52	53	54
55	56	57
58	59	60
61	62	63
64	65	66
67	68	69
70	71	72
73	74	75
76	77	78
79	80	81
82	83	84
85	86	87
88	89	90
91	92	93
94	95	96
97	98	99
100	101	102

First & Final Bill

BR-129
31-8-16M. A. R. 57 (Rule 116)
Measurement BookSBR No/134/16-17
Dated

No. B

259335

Serial No.

Name of Work Improvements to Road, Drains and covering Slabs at S.M.B.G. House at Channarayana Layout in ward no-10.

Name of Contractor of nature of Agency Sri. Abhinavraj

Date of commencement of work

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Work code No:-	010 - 16 - 000021.					
	Head of Account:-	P1771.					
	Administrative Approval No:-	BBMP/CE/ENK/PR/15-16. Dt 14-12-2015.					
	Technical Sanction No:-	BBMP/EE/BTP/PR/247/15-16 Dt 14-12-2015.					
	Work order No:-	EE/BTP/BBMP/E-PMT/323/2015-16 Dt - 24-03-2016					
	Address of Agency:-	#38, Channarayana Layout Shoradamba nagara Jalahalli village Bangalore - 13.					

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Measurement Recorded on 06-07-2016						
1)	Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m. excavated surface leveled and sides neatly dressed, the displaced earth to be leveled neatly after breaking of clods etc complete as per Specification S.M.B. High Road	1	24.20	1.00	0.80	21.78	
	<u>1st cross RIS</u>	1	30.00	1.00	0.80	27.00	
		1	30.00	1.00	0.80	27.00	
		1	5.80	1.00	0.80	5.22	
	<u>1st cross LIS</u>	1	30.00	1.00	0.80	27.00	
		1	30.00	1.00	0.80	27.00	
		1	5.20	1.00	0.80	4.68	
	<u>2nd cross RIS</u>	1	30.00	1.00	0.80	27.00	
		1	30.00	1.00	0.80	27.00	
		1	5.30	1.00	0.80	4.77	

Serial No.
 Name of Work
 Name of Contractor of nature of Agency
 Date of commencement of work

Date 1	Full description, etc, of work 2
	CAT measured AEE (VRP) S Measurement continued providing and laying in @ 180kg/s with 40mm and fine aggregate @ 16cm, thick, well compacted material. S.M.B. High Road

IT BOOK

Dimensions		Contents	Reference to last Measurement
Breadth	Depth		
5	6	7	8
06-07-2016			
in ordinary soil involving an			
and an average lift upto 0.5m,			
neatly dressed, the disposed earth			
clearly etc complete as per Specification			
1.00	0.80 =	21.78	
1.00	0.80 =	27.00	
1.00	0.80 =	27.00	
1.00	0.80 =	5.22	
1.00	0.80 =	27.00	
1.00	0.80 =	27.00	
1.00	0.80 =	4.68	
1.00	0.80 =	27.00	
1.00	0.80 =	27.00	
1.00	0.80 =	4.77	

M. A. R. 57 (Rule 116) Measurement Book

No. B

259336

Serial No.
Name of Work From To
Name of Contractor of nature of Agency
Date of commencement of work

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Measurement continued on 20-7-2016 providing and laying in position plain cement concrete mix 1:1:8 with OPC cement @ 180kg/sq with form and down size graded granite metal coarse aggregated @ 0.85 cum and fine aggregate @ 0.57 cum machine mixed, concrete laid in layers not exceeding 15cm, thick, well compacted in foundation and plenty, including cost of all materials. STABY Hous Road					Total = 198.45 cum	
						= 192.60 cum	
						Rs 15986.00	
						AE 6/7/16	
		1	24.20	1.00	0.16 =	3.63	

OK

Depth	Contents	Reference to last Measurement
6	7	8

cutting, propping etc, and
as walls at any thickness
and strong courses cut of
direction and direction of

0-60 = 58.08
0-60 = 72.00
0-60 = 72.00
0-60 = 13.92
0-60 = 72.00
0-60 = 72.00
0-60 = 12.48
0-60 = 72.00
0-60 = 72.00
0-60 = 12.42

M. A. R. 57 (Rule 116) Measurement Book

No. B

259338

Serial No.
Name of Work From To
Name of Contractor of nature of Agency
Date of commencement of work

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	C45 not used AEE (VRP) SD					Total = 529.20 Sqm Qty limited to Tender = 528.00 Sqm @ Rs 306.00 Rs 161568.00	
	5) providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs, with 10mm and down size graded granite metal, coarse aggregates @ 0.878 cum and fine aggregates machine mixed, concrete laid in layers not exceeding 150mm thick, vibrated for all works in foundation, plinth and ground floor level for roof slabs, staircase, internal retaining walls (any thickness) including attached plinths column pier abutments					300kgs AF 22-8-2018	

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	<u>SMBG Howl Road Bottom</u>	1	24.20	0.80	0.15 =	3.72	
	<u>1st cross RIS</u>	1	30.00	0.80	0.15 =	4.05	
		1	30.00	0.80	0.15 =	4.05	
	<u>1st cross LIS</u>	1	5.80	0.80	0.15 =	0.78	
		1	30.00	0.80	0.15 =	4.05	
		1	30.00	0.80	0.15 =	4.05	
	<u>2nd cross RIS</u>	1	5.20	0.80	0.15 =	0.76	
		1	30.00	0.80	0.15 =	4.05	
		1	30.00	0.80	0.15 =	4.05	
	<u>SMBG Howl Road Sidewalk</u>	1	5.80	0.80	0.15 =	0.78	
		2	24.20	0.15	0.60 =	4.36	
	<u>1st cross RIS</u>	2	30.00	0.15	0.60 =	5.40	
		2	30.00	0.15	0.60 =	5.40	
	<u>1st cross LIS</u>	2	5.80	0.15	0.60 =	1.04	
		2	30.00	0.15	0.60 =	5.40	
		2	30.00	0.15	0.60 =	5.40	
		2	5.20	0.15	0.60 =	0.94	
	<u>2nd cross RIS</u>	2	30.00	0.15	0.60 =	5.40	

Serial No.
 Name of Work
 Name of Contractor of nature of Agency
 Date of commencement of work

Date 1	Full description, etc, of work 2	Number 3
	CFT measured AEE (VRP) SD 6) providing and laying in place @ 200kg with 20mm and @ 0.875mm and fine aggregate not exceeding (150mm) thick	2 2 Qty @

BOOK

Dimensions		Contents	Reference to last Measurement
Breadth	Depth		
5	6	7	8

0.80	0.15 =	3.72
0.80	0.15 =	4.05
0.80	0.15 =	4.05
0.80	0.15 =	0.78
0.80	0.15 =	4.05
0.80	0.15 =	4.05
0.80	0.15 =	0.70
0.80	0.15 =	4.05
0.80	0.15 =	4.05
0.80	0.15 =	0.72
0.80	0.15 =	4.05
0.15	0.60 =	5.40
0.15	0.60 =	5.40
0.15	0.60 =	5.40
0.15	0.60 =	1.08
0.15	0.60 =	5.40
0.15	0.60 =	5.40
0.15	0.60 =	0.84
0.15	0.60 =	5.40

M. A. R. 57 (Rule 116)
Measurement Book

No. B

259339

Serial No.
Name of Work From To
Name of Contractor of nature of Agency
Date of commencement of work

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	CFR measured AEE (VRP) SD Qty limited to tender @ RS 6000.00	2	30.00	0.15	0.60 =	5.40	
		2	5.30	0.15	0.88 =	0.87	
					Total =	68.38 cum	
					=	68.30 cum	
						RS 415800.00	
	6) providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 200 kg with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum, machine mixed, concrete laid in layers not exceeding 15cm thick well compacted in foundation, plenty and cur						

MEASUREMENT BOOK

Serial No.	
Name of Work	
Name of Contractor of nature of A	
Date of commencement of work	
Date	Full description, etc, of
1	2
7)	providing granite cement mortar (1:6) complete of PCC S SMBQ Houk Road S 8st Crall RLS 78st Crall LLS <u>78st Crall LLS</u> Check 2nd Crall RLS

BOOK

Width	Depth	Contents	Reference to last Measurement
6	6	7	8
30	0.15 = 1.09		
30	0.15 = 1.35		
30	0.15 = 1.35		
30	0.15 = 0.28		
30	0.15 = 1.35		
30	0.15 = 1.35		
30	0.15 = 0.23		
30	0.15 = 1.35		
30	0.15 = 1.35		
30	0.15 = 0.24		
Total = 9.82 cum			
Tender = 9.90 cum			
		RSUB 1.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No.

Name of Work From To 259340

Name of Contractor of nature of Agency

Date of commencement of work

Date	Full description, etc., of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	7) providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing casting etc, complete 7.5 cm thick etc. complete as per specification and direction of engineer in charge of work.						
	SMBA Hawk Road Side	1	24.20		0.80	21.78	
	1st Crall RIS	1	30.00		0.80	27.00	
		1	30.00		0.80	27.00	
		1	5.80		0.80	5.22	
	781 Crall RIS	1	30.00		0.80	27.00	
		1	30.00		0.80	27.00	
		1	5.20		0.80	4.68	
	2nd Crall RIS	1	30.00		0.80	27.00	

Checked.
21/8

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	<i>CIP</i> <i>measured</i> <i>AEE (VRP)</i>	1	30.00		0.80 = 27.00		
		1	5.30		0.80 = 4.77		
					Total = 198.45 sqt		
					Qty limited to tender = 198.00 sqt		
					@ Rs 670.00		Rs 132660.00
	8) providing chamfering edges to stone slab 75cm wide as per specification (only chamfered length shall be recorded) etc complete as per specification	368	3.00		1102.80 sqt		
					Qty limited to tender = 1101.00 sqt		
					@ Rs 37.15		Rs 40802.00

Serial No.
 Name of Work
 Name of Contractor of nature of Ag
 Date of commencement of work

Date 1	Full description, etc, of work 2
	9) providing two (2) as per specification engineers in charge Qty vol page 10) lead for disposal means including

M. A. R. 57 (Rule 116)
Measurement Book

No. B

259341

Reference
to last
Measurement
8

Serial No.
Name of Work From To
Name of Contractor of nature of Agency
Date of commencement of work

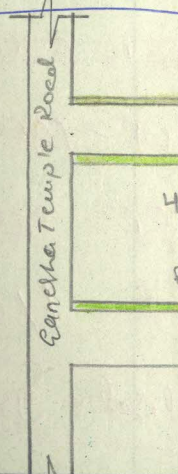
Date 1	Full description, etc., of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	9) providing two line abutting to granite stone slab/granite stone masonry as per Specifications, etc complete as per Specifications and direction of Engineer in charge of the work. Qty volal Page No-07 @ RS 32000					Total = 188.00 sqm RS 182982.00	
	10) lead for Disposal of Debris shall be payable at carriage rates by Mechanical means including loading and unloading						

as per
00.00
RS 132660.00
as per Specifications
as per Specifications
2.50 sqm
01.00 sqm
RS 40502.00

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	(H) Wall Item no-01 @ Rs 106.00 <u>Certificate</u> certified that the above work done is satisfactory and no material is issued from department <u>Zadhwa</u> AE 22/8/16					Total = 182.60 cu m Rs 20416.00 Total Rs 143948.00 <u>Zadhwa</u> AE 22/8/16 AEE (VRP) SD	

Serial No.
 Name of Work
 Name of Contractor of nature of Agency
 Date of commencement of work

Date 1	Full description, etc, of work 2
	Sketch showing  <u>Zadhwa</u> AE 22/8/16

Depth	Contents	Reference to last Measurement
		8
6	Tafel = 182.60 Cu m RS 20416.00 Tafel RS 1439485.00 Zadka AE 2218116	
	defectory rest inventory 22/8/16	

E (VRP) SD

M. A. R. 57 (Rule 116)
Measurement Book

No. B

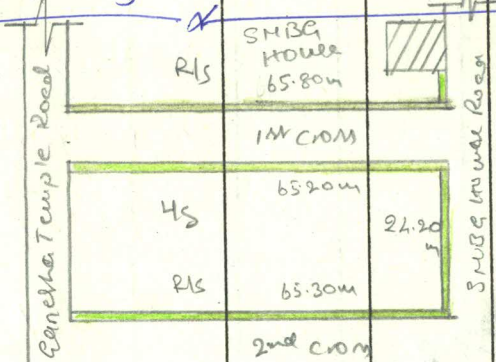
259342

Serial No.

Name of Work From To

Name of Contractor of nature of Agency

Date of commencement of work

Date of commencement of work								
Date	Full description, etc., of work	Dimensions				Contents	Reference to last Measurement	
1		2	3	4	5			6
	<u>Sketch showing the location of work done spot</u>							
		SHBG House 65.80m						
		1st c/m	65.20m	21.20				
		2nd c/m						

Zachary
AR 22 18116

AEE (VRP) SD

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Audited & Admitted for Rs 1439480-00 1340630-00 and Rs 98850-00 Accts. Supdt Byatarayanapura Dist. Byatarayanapura Dist. BBMP BBMP 99					IT-14450-00 VAT-52600-00 LWF-14450-00 CBF-1450-00 LP-11000-00 <u>Total cost - 98850-00</u>	

Serial No.
 Name of Work
 Name of Contractor of nature of Agent
 Date of commencement of work

Date 1	Full description, etc, of work 2